



	Technical Data Sheet	
Product	Anti-Hu CD303 PE-Cy™7	
Cat. Number/Size	T7-943-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD303	
Clone	15E3	
Format	PE-Cy™7	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody 15E3 recognizes an extracellular epitope of human CD303, a transmembrane glycoprotein expressed on plasmacytoid dendritic cells.	
Other names	BDCA2, CLEC4C, DLEC, HECL, CLECSF7, CLECSF11, PRO34150	
Immunogen	CD303 ectodomain fused with human IgG Fc domain	
Entrez Gene ID	170482	
Gene name	CLEC4C	
NCBI Full Gene Name	C-type lectin domain family 4 member C	
UniProt ID	Q8WTT0	
Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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